

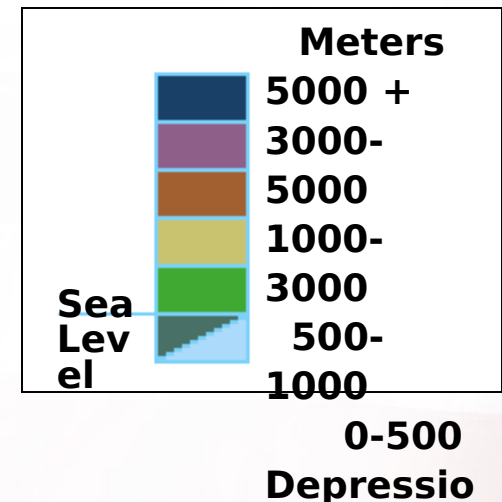
Benin



Benin: Environmental Issues

- Topography
- Climate

Climate is tropical; hot, humid in south; semiarid in north



Terrain: mostly flat to undulating plain; some hills and low mountains

lowest point: Atlantic Ocean 0 m

highest point: Mont Sokbaro 658 m

Benin: Environmental Issues

- Air :
 - Urban areas
 - CO, sulfur dioxide, particulate matter
 - Lead, dust ozone exceed international standards
- Soil:
 - Localized to specific areas surrounding industrial facilities and waste disposal sites.
 - Significant exposure to contaminants in soil is unlikely in the absence of wind-blown dust, active digging, or migration of contaminants from soil into ground water.
 - Usually presents a low risk to human health.

Benin: Environmental Issues

- Food:
 - Plants and freshwater fish due to insecticides.
 - Short-term exposure to insecticides may cause Central Nervous System and GI problems
 - Lower level insecticides: minimal risk
- Water:
 - Unreliable water systems
 - Contaminated water supplies with raw sewage widespread
 - Industrial Discharge

Benin: Environmental Issues

- Greatest short-term environmental health risks
 - Water contaminated with raw sewage
 - Runoff containing fecal pathogens

Benin: Diseases of Operational Importance

- **Highest risk** country
- Diseases of greatest risk
 - Food and Waterborne Diseases: Bacterial diarrhea, Hepatitis A, protozoal diarrhea and Typhoid/paratyphoid fever
 - Vector-borne Diseases: Malaria, Yellow Fever
 - Sexually Transmitted Diseases: HIV/AIDS, Hepatitis B
 - Water-contact Diseases: Schistosomiasis
 - Respiratory Diseases: Meningococcal meningitis

Benin: Diseases of Operational Importance

- Diseases of potential risk
 - Food and waterborne Diseases: Brucellosis, Cholera, Hepatitis E
 - Vector-borne Diseases: Boutonneuse fever (Mediterranean spotted fever), Chikungunya, Crimean-Congo hemorrhagic fever, Dengue fever, Leishmaniasis, Rift Valley fever, Sindbis (Ockelbo) virus, Gambiense trypanosomiasis (African), Murine typhus (flea-borne), and West Nile fever.
 - Sexually Transmitted Diseases: Gonorrhea and Chlamydia.
 - Respiratory Diseases: Tuberculosis
 - Water-contact Diseases: Leptospirosis
 - Soil-contact: Lassa Fever
 - Animal-contact: Anthrax, Q-Fever and Rabies